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MAY 1949

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BULLETIN OF THE MONTH

"The Inspection Stamp as a Guide to Wholesome Meat"
Miscellaneous Circular 63

This revised circular describes briefly how the Federal meat-inspection service operates. It discusses the extent of Federal supervision over the meat supply and how producers, consumers, and the public may derive the greatest benefits from this service. It also points out opportunities for supplementing Federal inspection with State or municipal inspection.

AGRICULTURAL INFORMATION SERIES

Questions and answers about grazing on national forests. Forest Service. 18 p. (IS 80.) Price 10¢.

This publication presents in question and answer form the important details regarding the administration of grazing use on the national forests.

FARMERS' BULLETINS

Dairy cattle breeds. Amer B. Nystrom. Bureau of Dairy Industry. 32 p., illus. (F 1443, rev.) Price 10¢.

This revised bulletin discusses characteristics, the history of the origin, and development of dairy cattle breeds and factors to consider in selecting a breed.

Home vegetable gardening in the central and high Plains and mountain valleys. M. F. Babb and James E. Kraus. Bureau of Plant Industry, Soils, and Agricultural Engineering. 98 p., illus. (F 2000.) Price 25¢.

This bulletin gives cultural practices, crops, and vegetable-varieties suitable for the central and high Plains and mountain valleys of Colorado, Wyoming, and parts of South Dakota, Nebraska, and Kansas.

CIRCULARS

Stocking northern Great Plains sheep range for sustained high production. E. J. Woolfolk. Forest Service. 39 p., illus. (C 804.) Price 15¢. **For sale only.**[1]

The northern Great Plains constitute one of the most important range areas in the United States for the production of wool, feeder lambs, and replacement of breeding ewes. This publication tells sheep ranchers how to stock their range to get the greatest possible production without deteriorating forage and soil.

Experiments on the combined use of crystal-violet vaccine and anti-hog-cholera serum in the prevention of hog cholera. C. G. Cole and R. R. Henley. Bureau of Animal Industry. 12 p. (C 807.) Price 5¢. **For sale only.**[1]

The results of experiments conducted at the Bureau of Animal Industry Field Station, Ames, Iowa, to determine the effectiveness of treating hogs with a combined treatment of crystal-violet vaccine and anti-hog-cholera serum for the prevention of hog cholera are reported.

*Compiled by Eleanor W. Clay, Office of Information.

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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MISCELLANEOUS CIRCULARS

The inspection stamp as a guide to wholesome meat. John R. Mohler. Bureau of Animal Industry. 23 p., illus. (MC 63, rev.) Price 10¢. *See* page 1.

MISCELLANEOUS PUBLICATIONS

Changes in rural family income and spending in Tennessee, 1943–44. Jean L. Pennock and Elisabeth L. Speer. Bureau of Human Nutrition and Home Economics and the University of Tennessee. 106 p. (M 666.) Price 25¢. **For sale only.**[1]

This publication reports a study undertaken in Tennessee of a selected group of farm and nonfarm families to show the kinds of adjustments in spending and expenditures patterns due to various economic changes.

Price programs of the United States Department of Agriculture, 1949. Harry W. Henderson. Production and Marketing Administration. 62 p. (M 683.) Price 15¢.

The United States Department of Agriculture carries on a number of programs tending to prevent drastic declines in prices received by farmers for agricultural commodities. These programs which include the price-support program, section 32 programs, the national school lunch program, marketing agreement and order programs, and the sugar program are discussed in this publication.

SERVICE AND REGULATORY MATERIAL

Index to service and regulatory announcements, 1946. Bureau of Entomology and Plant Quarantine. 2 p. (SRA–BEPQ–Index 1946.)

Rules and regulations of the Secretary of Agriculture governing the inspection and certification of fruits, vegetables, and other products. Production and Marketing Administration. 8 p. (SRA–PMA 93, rev.)

Service and regulatory announcements. Bureau of Animal Industry. March 1949. Pp. 21–68. (SRA–BAI 503.); April 1949. Pp. 69–76. (SRA–BAI 504.) Price 5¢ a copy, 25¢ a year, domestic; 45¢ a year, foreign.[1]

SOIL SURVEYS

Candler County, Georgia. T. E. Beesley. Bureau of Plant Industry, Soils, and Agricultural Engineering in cooperation with the University of Georgia. Series 1939, No. 6. 46 p., illus. Price $1.00. **For sale only.**

TECHNICAL BULLETINS

Flow of water in channels protected by vegetative linings. W. O. Ree and V. J. Palmer. Soil Conservation Service. 115 p., illus. (T 967.) Price 35¢. **For sale only.**[1]

On farm lands not adequately drained by natural waterways, a crucial problem is that of establishing suitable drainage channels. This publication presents a complete, detailed record of the studies conducted and the results obtained from research regarding the characteristics of various plants as channel linings.

OTHER PUBLICATIONS

Physical land conditions in Kit Carson County, Colorado. Soil Conservation Service in cooperation with the Colorado Agricultural Experiment Station. 43 p., illus. (PLS 43.) Price 25¢.

PERIODICALS

The agricultural situation. Vol. 33, No. 5. May 1949. Price 5¢ a copy, 50¢ a year, domestic; 75¢ a year, foreign.[1]

Agriculture decisions. Vol. 8, No. 3. March 1949. Price of single copy varies depending on size. $2.50 a year, domestic; $3.25 a year, foreign.[1]

Bibliography of agriculture. Vol. 13, No. 5. May 1949. Single copies vary in price. $6.00 a year, domestic; $8.00 a year, foreign.[1]

Extension service review. Vol. 20, No. 5. May 1949. Price 10¢ a copy, 75¢ a year, domestic; $1.15 a year, foreign.[1]

Foreign agriculture. Vol. XIII, No. 5. May 1949. Price 15¢ a copy, $1.50 a year, domestic; $2.00 a year, foreign.[1]

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[1] See footnote on p. 1.

Journal of agricultural research. Price 10¢ a copy, $2.25 a year, domestic; 15¢ a copy, $3.00 a year, foreign.[1] **Not distributed free to individuals.**

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to noncommercial institutions.

Separate, 5¢ domestic; 8¢ foreign.[1] The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

——— Vol. 78, No. 9. May 1, 1949. Illus. Contents:

The influence of drying on soil buffering in relation to aggregation and other factors. (S–8.) R. M. Smith and D. R. Browning.

Hatchability in Rhode Island reds as affected by age of parents. (Mass.–55.) F. A. Hays and D. W. Talmadge.

Effect of sodium sulfamerazine on *Salmonella pullorum*. (Ill.–81.) E. Roberts, A. Eisenstark, and J. O. Alberts.

Viviparous growth in immature barley kernels. (G–1406.) M. N. Pope.

Tip blight of garden pea. (Wis.–172.) W. W. Hare.

——— Vol. 78, No. 10. May 15, 1949. Illus. Contents:

The effect of earthworms on the productivity of agricultural soil. (S–9.) Henry Hopp and Clarence S. Slater.

The action of frost on the water-stability of soils. (S–10.) Clarence S. Slater and Henry Hopp.

A principle for maintaining structure in clean-cultivated soils. (S–11.) Henry Hopp and Clarence S. Slater.

Variability and correlation in a cotton breeding program. (N. Mex.–10.) G. N. Stroman.

Fusaria associated with mimosa wilt, sumac wilt, and pine pitch canker. (G–1405.) William C. Snyder and George H. Hepting.

Problems relating to the removal of DDT spray residue from apples. (Wash.–42.) Kenneth C. Walker.

Composition and digestible energy of hays fed to cattle. (N. H.–8.) T. G. Phillips and M. E. Loughlin.

News for farmer cooperatives. Vol. 16, No. 2. May 1949. Price 10¢ a copy, $1.00 a year, domestic; $1.40 a year, foreign.[1]

Soil conservation. Vol. XIV, No. 10. May 1949. Price 10¢ a copy, $1.00 a year, domestic; $1.50 a year, foreign.[1]

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries; 35-mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 72 cooperating film libraries in the 48 States, and the Territories of Alaska, Hawaii, and Puerto Rico.

See footnote on p. 1.

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IT'S NO PICNIC. 3 reels, 16 mm., sound, color. Running time, 26 minutes. Released 1948.

A family group enjoys a Sunday afternoon in the woods. A beautiful spot is chosen for their picnic lunch, with campfire and hot dogs, the the things children delight in. The campfire is carefully extinguished, but Dad, unwittingly, is careless with his pipe and the beautiful woods becomes a blackened waste. The "day of rest" becomes a day of toil and desolation. Dad is sentenced to a course in FIRE PREVENTION and is an apt and willing pupil. **(Not in Film Libraries; available from regional offices of the Forest Service, Denver, Colo.; Philadelphia, Pa.; Atlanta, Ga.; and Milwaukee, Wis.; and for sale.)**

THE SOUTH GROWS GREEN. 4 reels, 16 mm., sound, color. Running time, 40 minutes. Released 1948.

As the South grows green, crop diversification is replacing the old, destructive one-crop system. The result is more production of a variety of crops and products; dairy products, beef, lamb, mutton, wool, poultry and eggs; increased production of row crops such as tobacco, corn, and cotton from less acres. Soil-protecting and soil-building crops, lespedeza, and kudzu are shown to be playing a big part in this transformation. The story is presented in an interesting manner with beautiful photography and an original musical score. Recommended audience: Farmers, clubs, schools, and church groups in the South. **(Not in Film Libraries; available from regional offices of the Soil Conservation Service, Spartanburg, S. C., and Ft. Worth, Texas, and for sale.)**

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